

*Tonet*

U.S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: June 29, 1987

Region II  
Response and Prevention Branch  
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS  
24 Hour Emergency

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TAT

POLREP NO. Five (5)  
INCIDENT/SITE NO.: Arkansas Company/T9  
POLLUTANT: Textile chemicals and intermediates  
CLASSIFICATION: Major  
SOURCE: Abandoned chemical facility  
LOCATION: Newark, New Jersey  
AMOUNT: 8,000 containers of various chemicals,  
500-800 drums, 5-10 mixing tanks/outdoor  
tanks containing unknown chemicals.  
WATER BODY: None

1. SITUATION:

A. The Arkansas Chemical Company produced textile and other specialty chemicals at this site until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16/16B), a storage building (Bldg. 24), and two sheds. About 500-800 drums and 8,000 small containers of chemicals exist in the buildings on-site. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks and vessels containing unknown quantities of materials.

B. There are approximately 50-55 gallon drums of benzyl chloride (corrosive, poison) located in Bldg. 28B that are in various stages of deterioration. Several of the drums are bulging.

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2. ACTION TAKEN:

A. On May 15, 1987, investigators from the New Jersey State Attorney General's office videotaped the site. Prior to entering Bldgs 28, 28B, 25, and 30 the indoor air quality was monitored using an HNU and explosimeter/oxygen meter. During the air survey, the third floor of Bldg 28 recorded below normal oxygen levels (<21%) in the southeast section of the building. All other areas were normal (21%).

B. On May 18, 1987 EPA received a letter from the Passaic Valley Sewage Commission (PVSC) granting permission to pump approximately 20,000 gallons of rain/ground water in the basement of Bldg 25 into their sanitary sewer line for treatment at the (PVSC) facility.

In addition, EPA contacted the former facility chemist for information about the types of chemicals used on the site prior to it's closure.

C. The Action Memorandum for cleanup of the site is in the regional review/concurrence cycle. Total project costs are estimated at \$1.9 million.

D. On June 24, 1987, the Emergency and Remedial Response Division Director authorized an additional \$15,000 to continue site security until approval of the Action Memorandum.

3. FUTURE PLANS AND RECOMMENDATIONS:

A. EPA will continue to provide 24-hr. site security.

4. FINANCIAL ACCOUNTING:

A. Total Project Ceiling Authorized	\$ 70,000
B. Mitigation Contract Ceiling	64,580
C. Expenditures for Mitigation Contracts	
1.a. Amount obligated to ERCS contractor for Delivery Order #6893-02-073 (DCNs KCS - 361,629,633,710)	\$ 64,580
1.b. Estimated expenditures as of May 30, 1987	49,500
1.c. Balance remaining	15,080

D. Unobligated Balance Remaining	-0-
E. Estimate of Total Expenditures to Date for all Mitigation Contracts	49,500
F. Other Extramural Costs	
1.a. TAT salary/travel* (as of 6/26/87)	-0-
G. Intramural Costs	
1.a. EPA salary/travel	2,300
H. Total Expenditures	\$ 51,800
Percent of Total Project Ceiling	74.0%
Percent of \$2 Million	2.6%

\*TAT costs previously reported were incurred during the site investigation phase of the project and should not be charged against the project ceiling authorized for site security.

FINAL	FURTHER		
POLREP	POLREPS		
(TAT)	FORTHCOMING	<u>  X  </u>	SUBMITTED BY: <u>Thomas Kady</u>
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			Response and Prevention
			Branch

DATE RELEASED: 7/1/87